

## Johnson, James

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**From:** Tapia, Cecilia  
**Sent:** Tuesday, April 01, 2014 2:47 PM  
**To:** Johnson, James; Nold, Eric; Field, Jeff; Hooper, Charles A.  
**Subject:** SUPER DRAFT Air Monitoring paragraph - tweak as you wish

**Importance:** High

EPA is in the preliminary stages of developing an air monitoring plan to sample for landfill constituents prior to the isolation barrier installation. The plan is to document background conditions off the site prior to construction activities and to also monitor during construction activities to determine if any releases are occurring above health based benchmarks. We envision setting up 4-5 monitoring locations surrounding the site. We plan to sample for typical solid waste landfill gases such as sulfur dioxide (SO<sub>2</sub>), hydrogen sulfide (H<sub>2</sub>S), carbon monoxide (CO) and volatile organic compounds (VOCs). Radiation monitoring for radon, alpha, beta and gamma emissions will also be conducted.



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